

FIG. 1

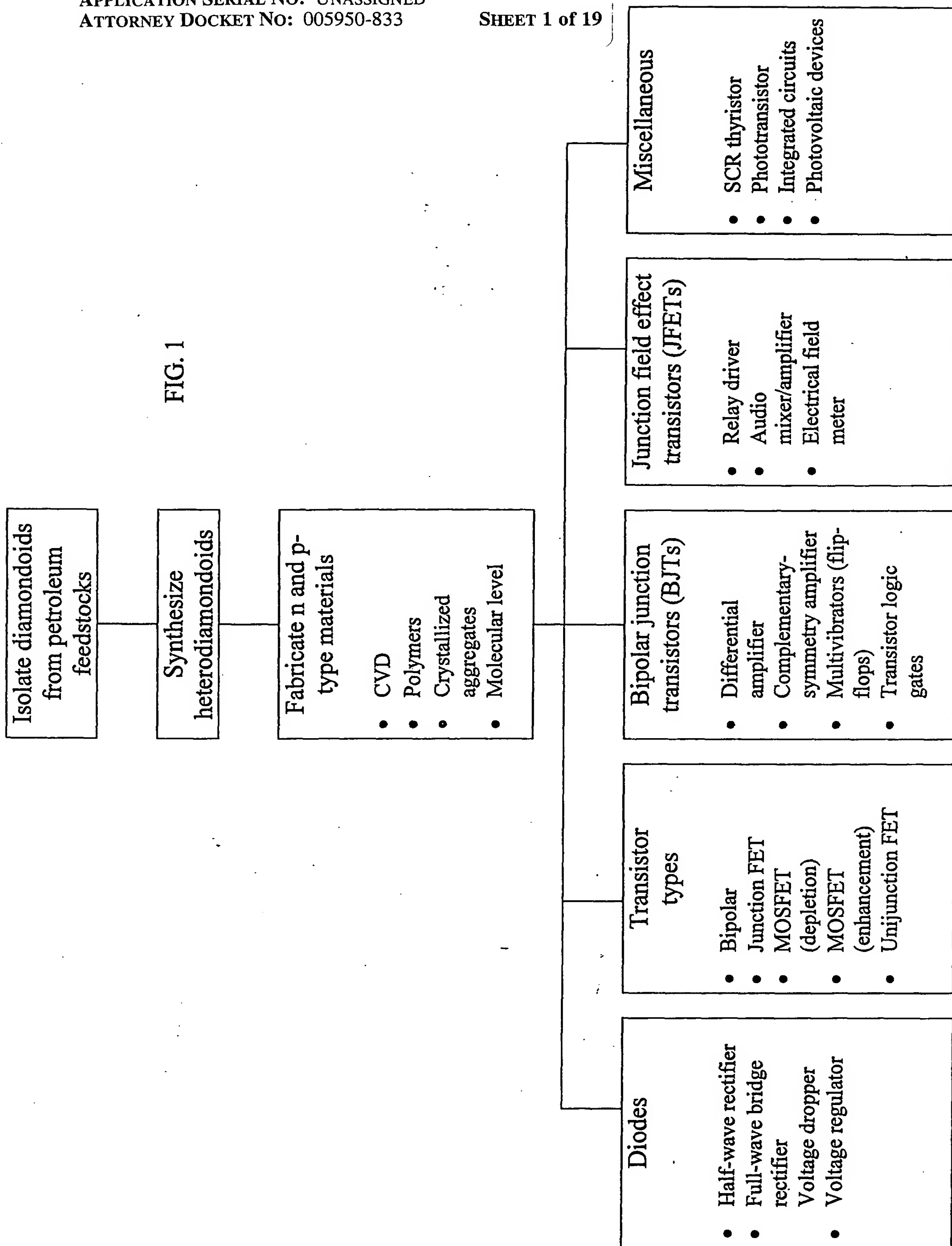


FIG. 2

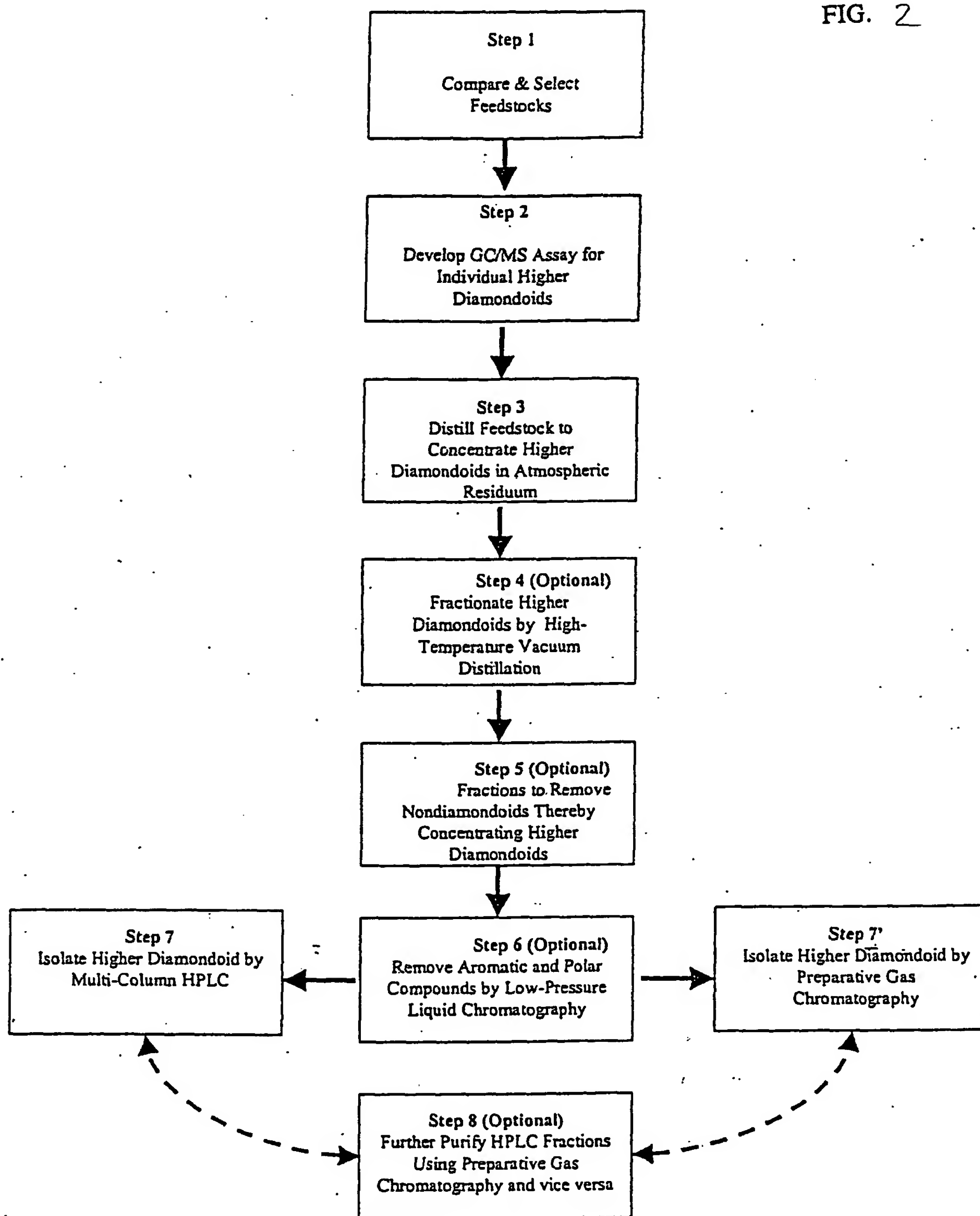


FIG. 3

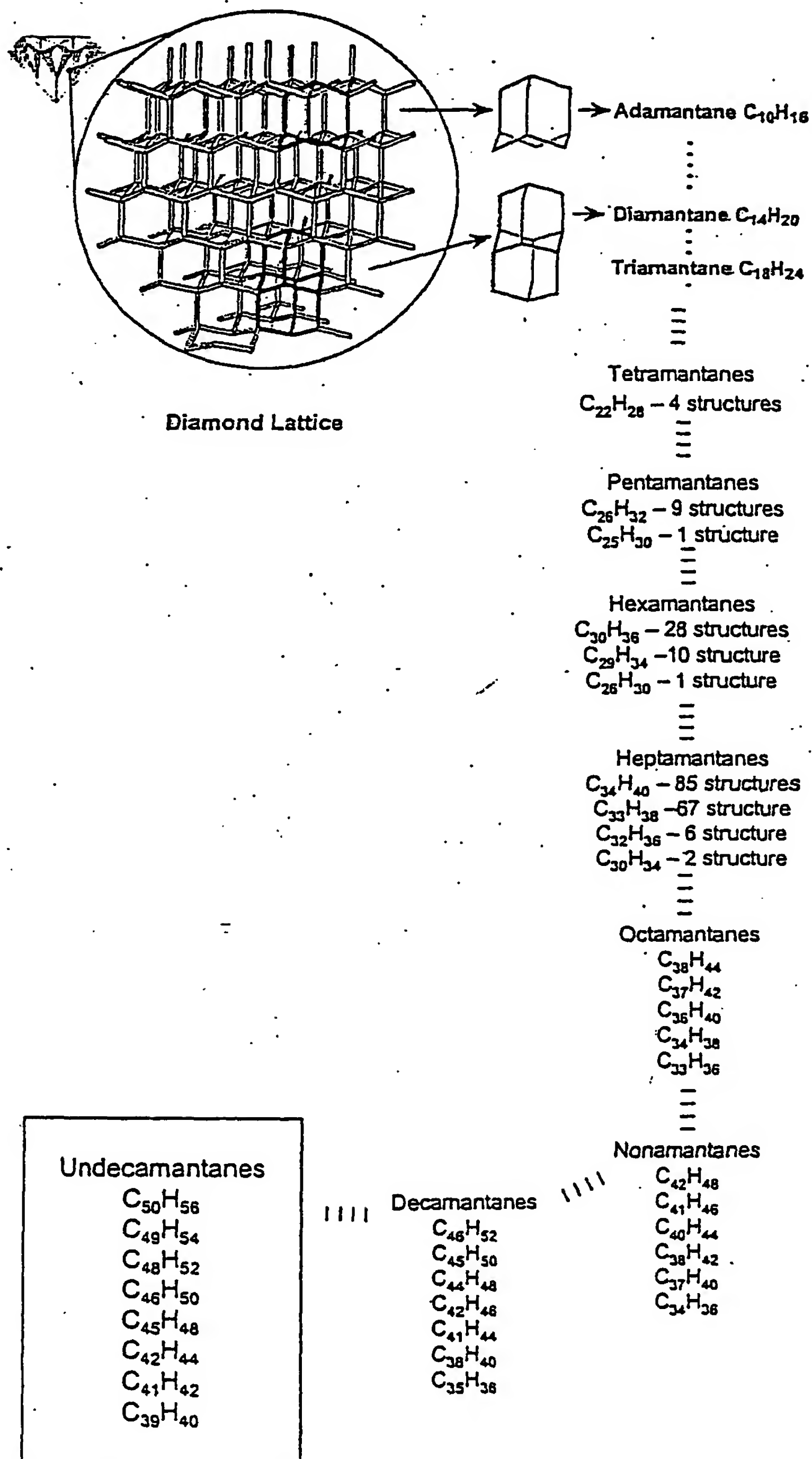


FIG. 4A

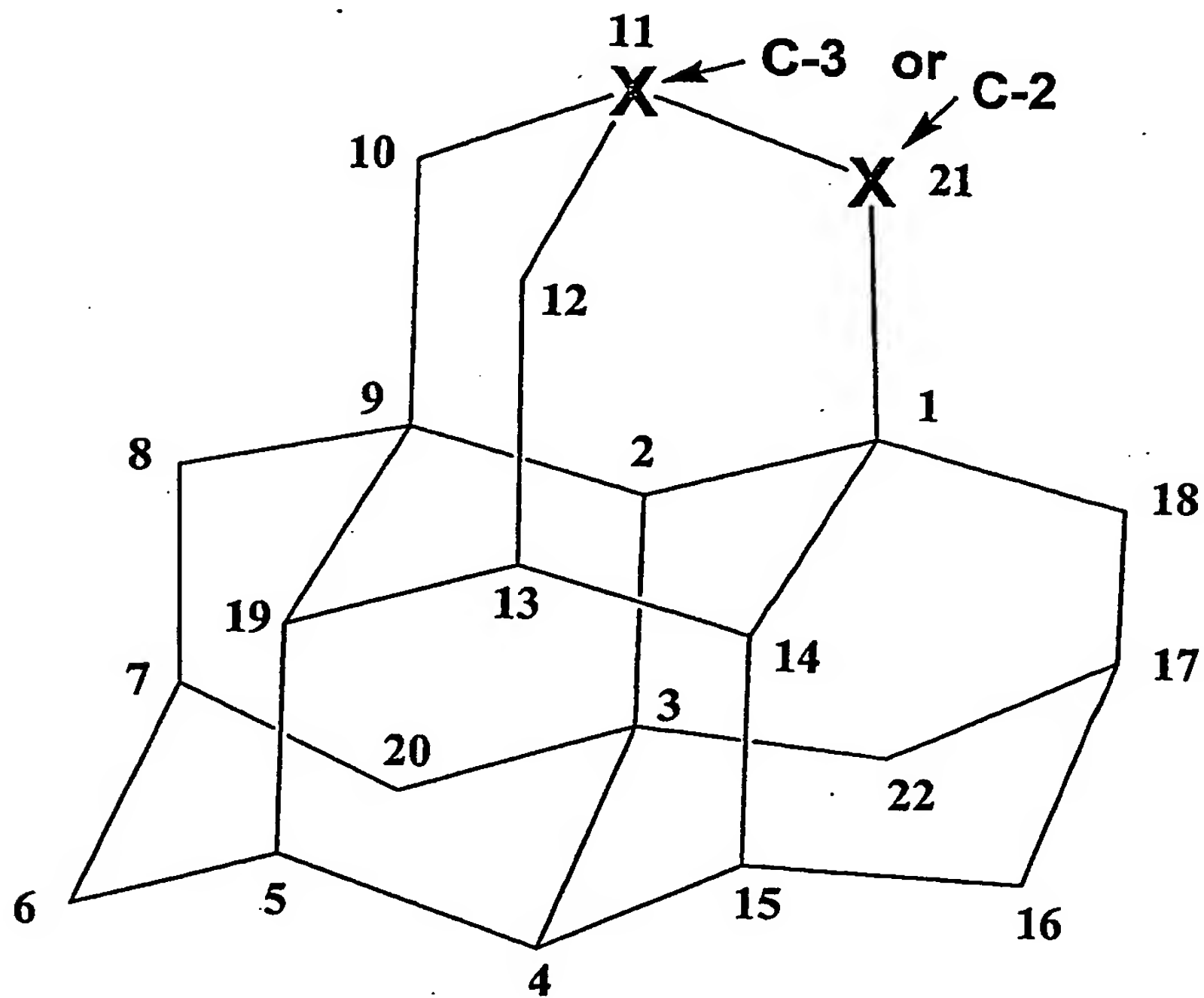


FIG. 4B

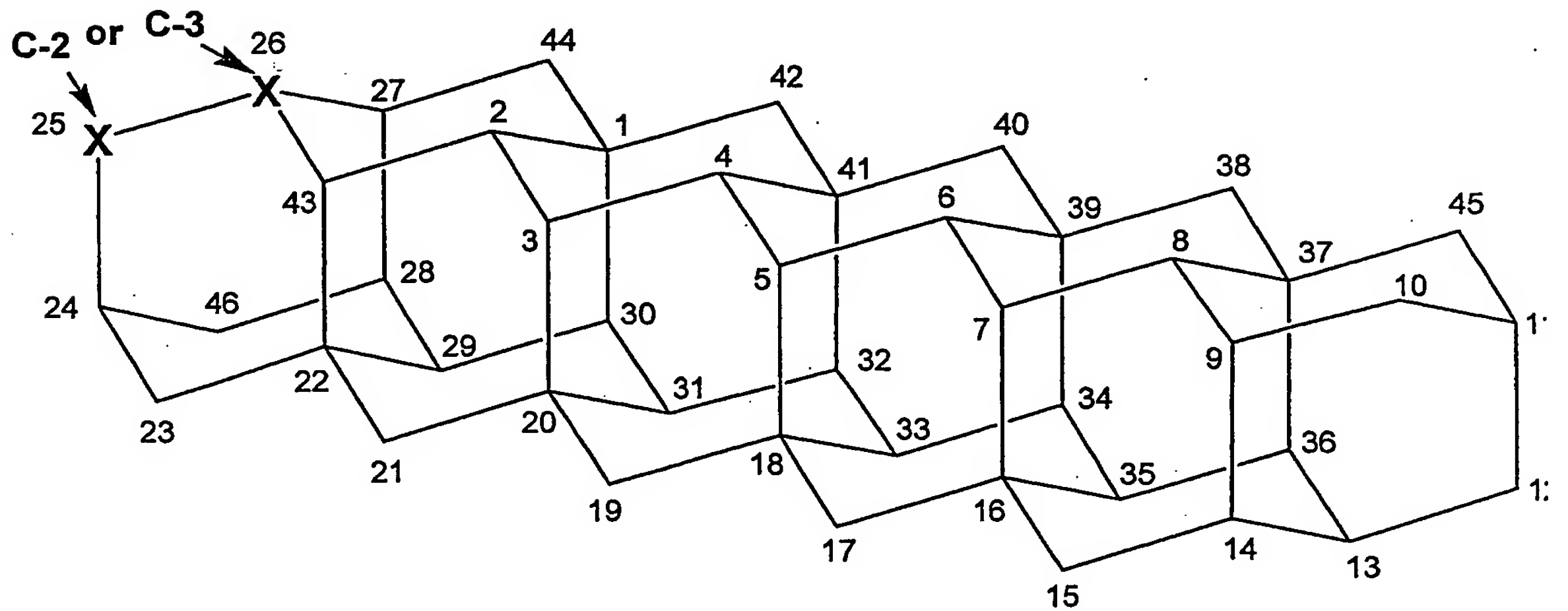


FIG. 4C

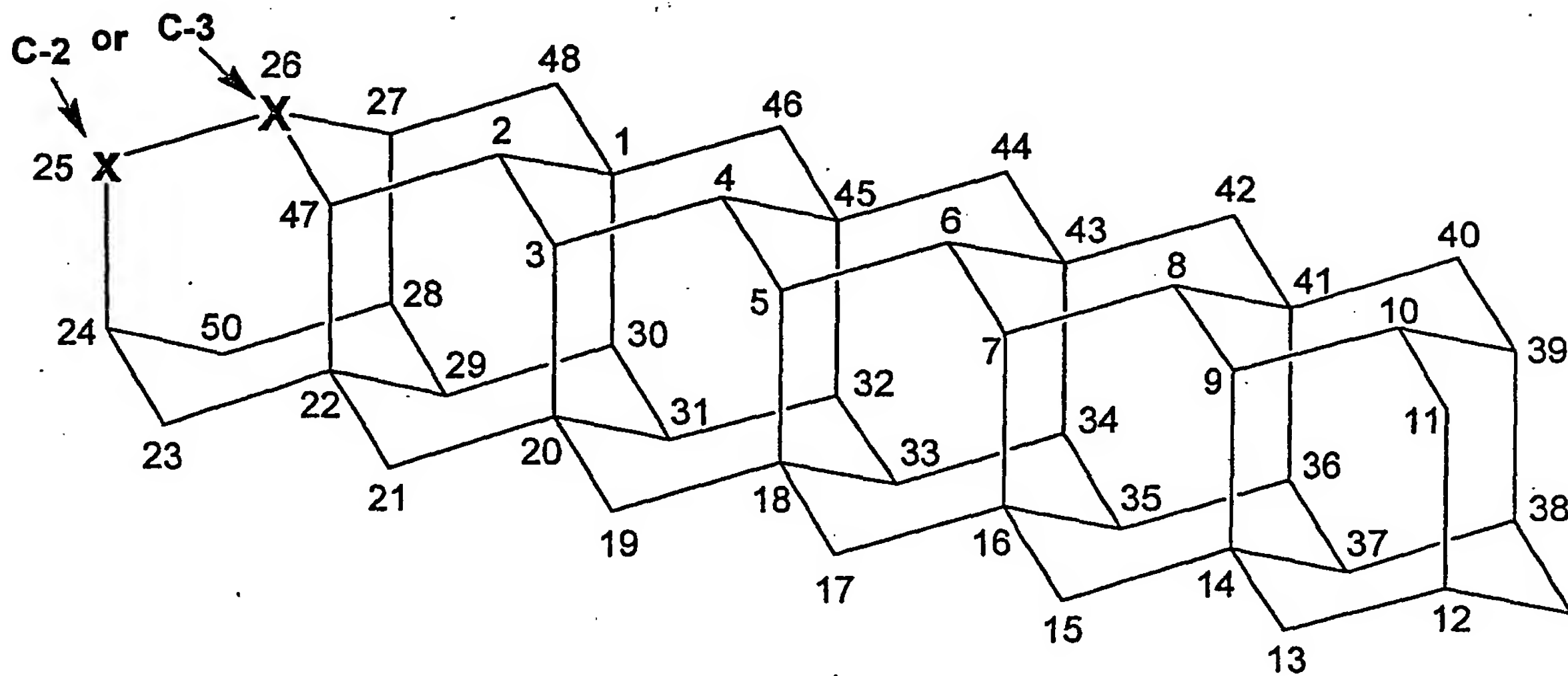


FIG. 5A

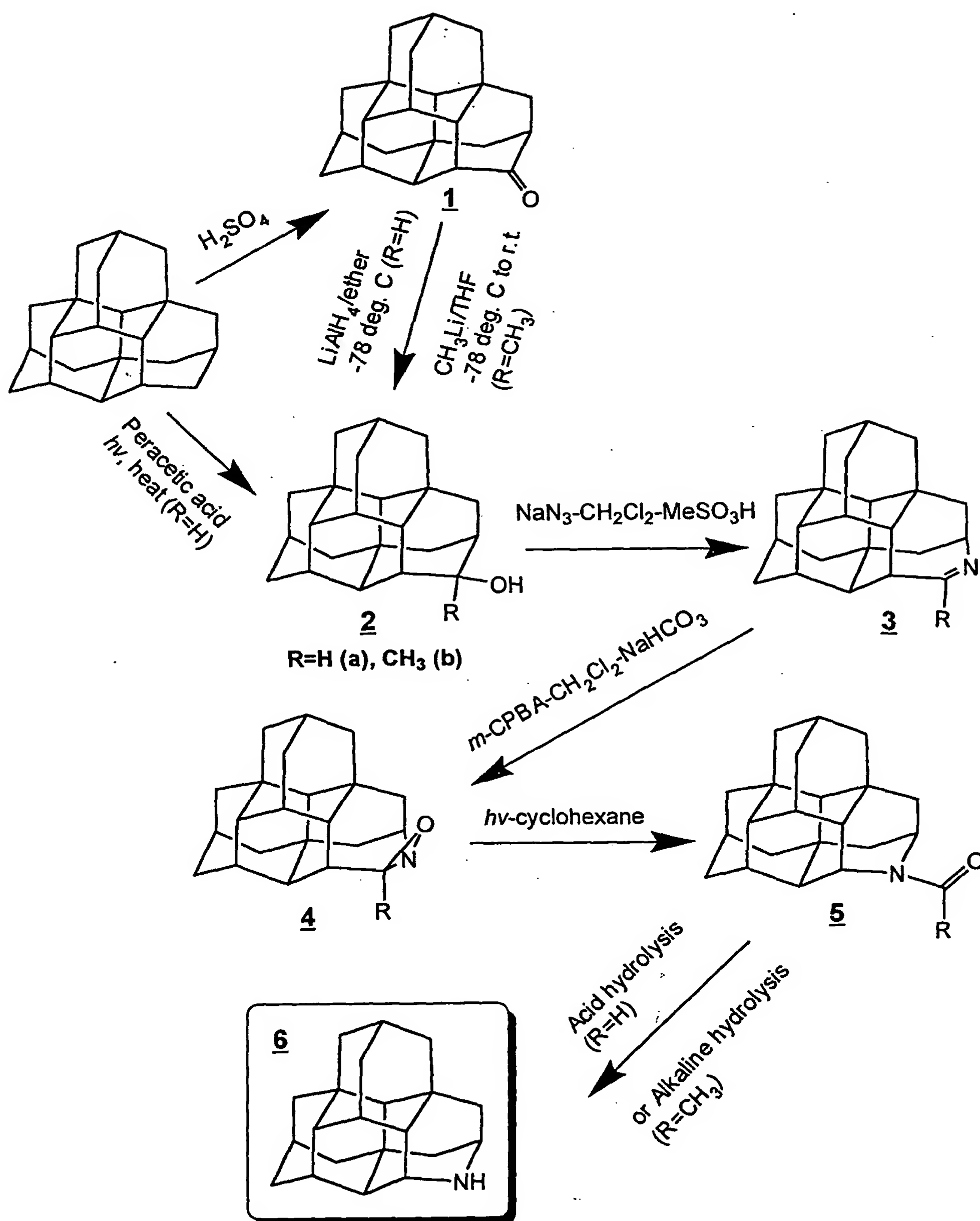


FIG. 5B

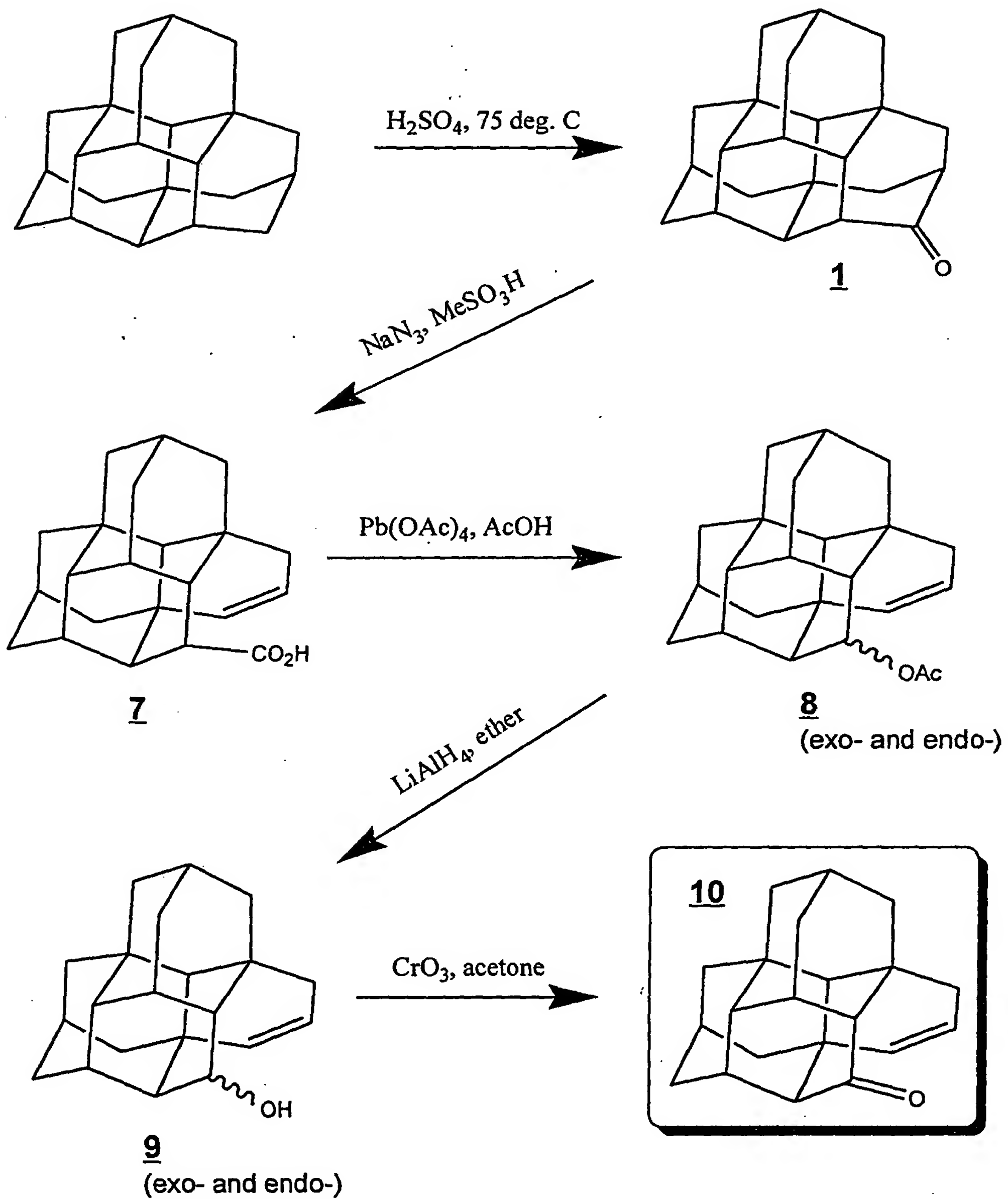
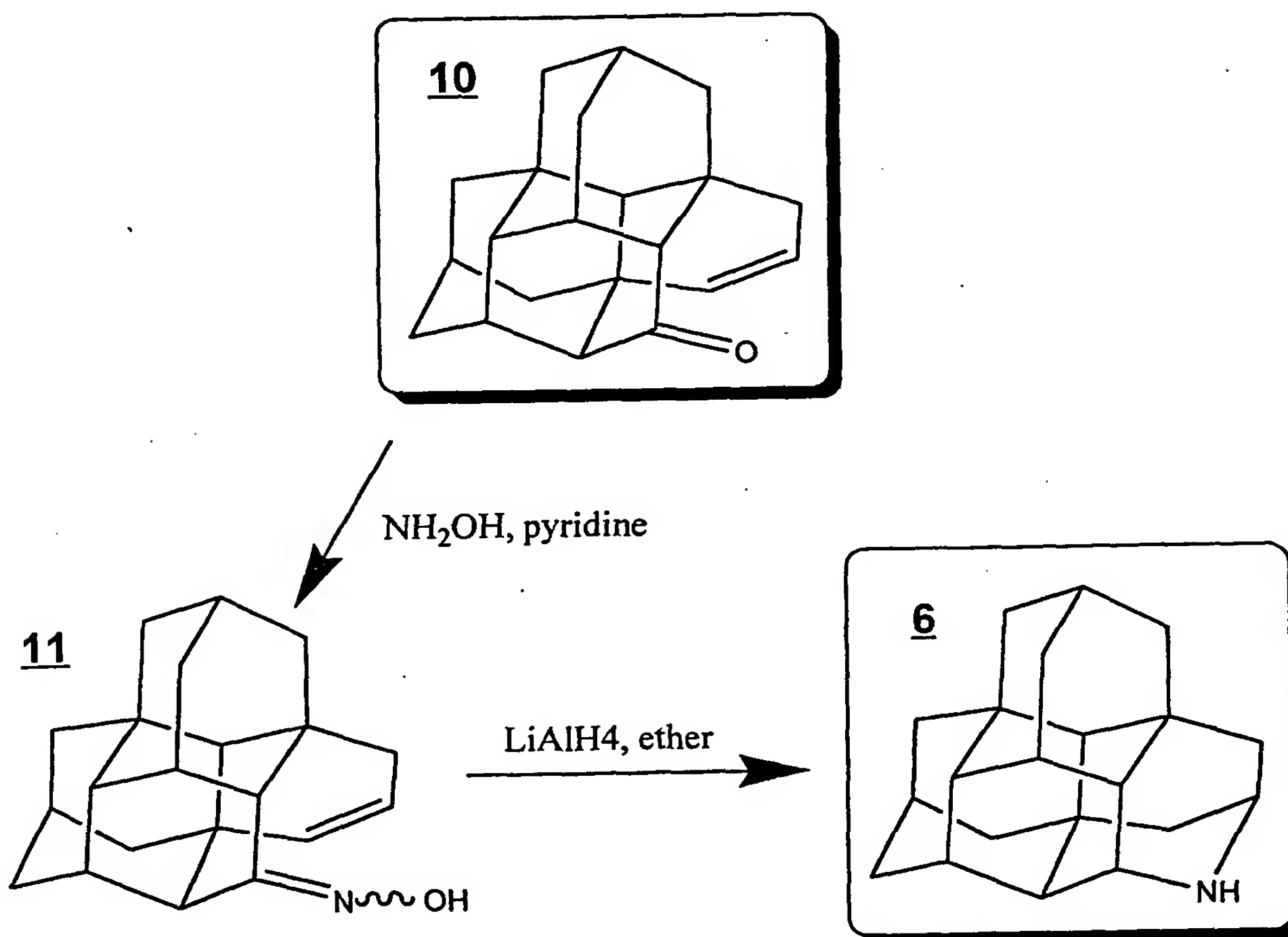
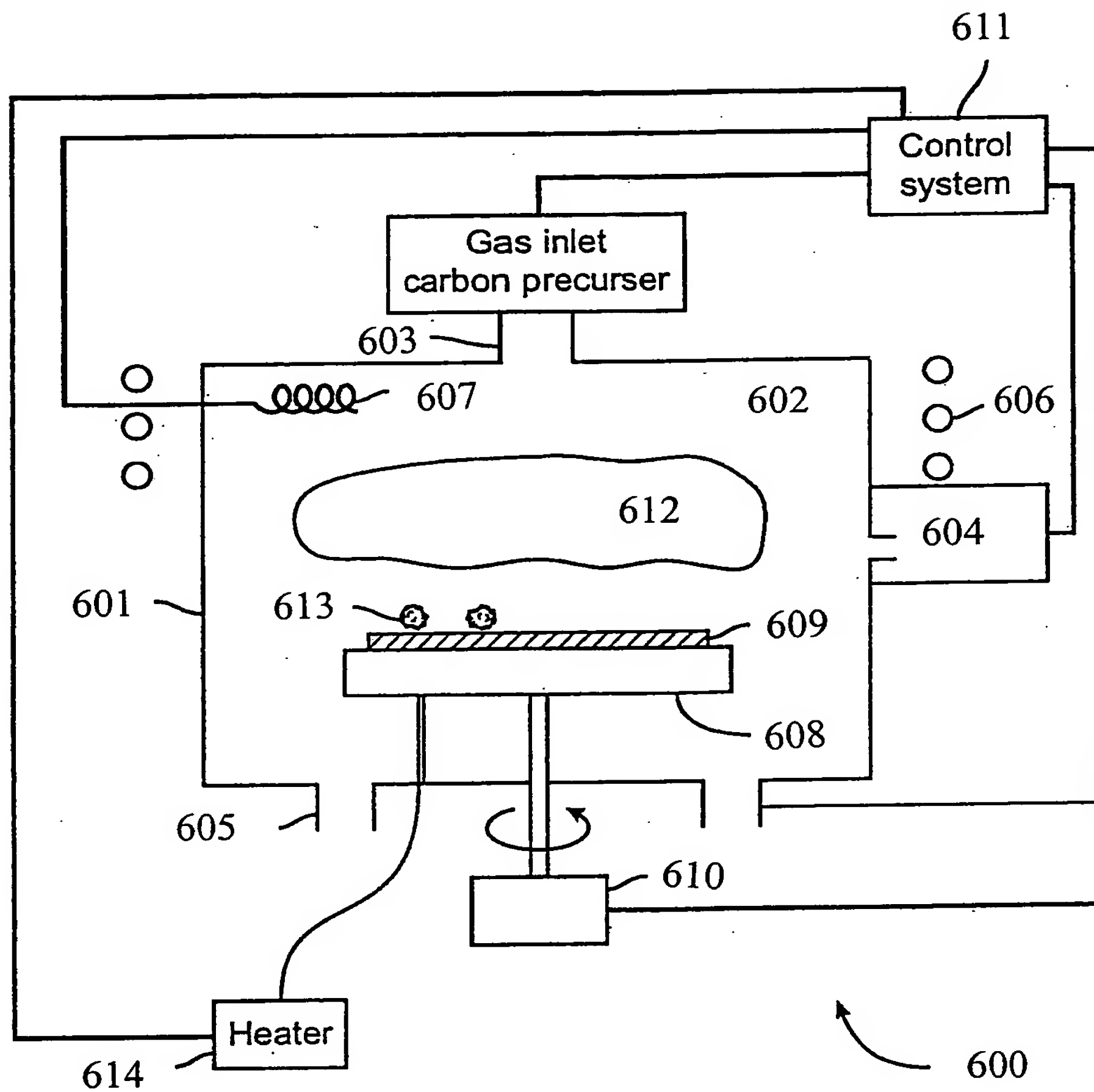
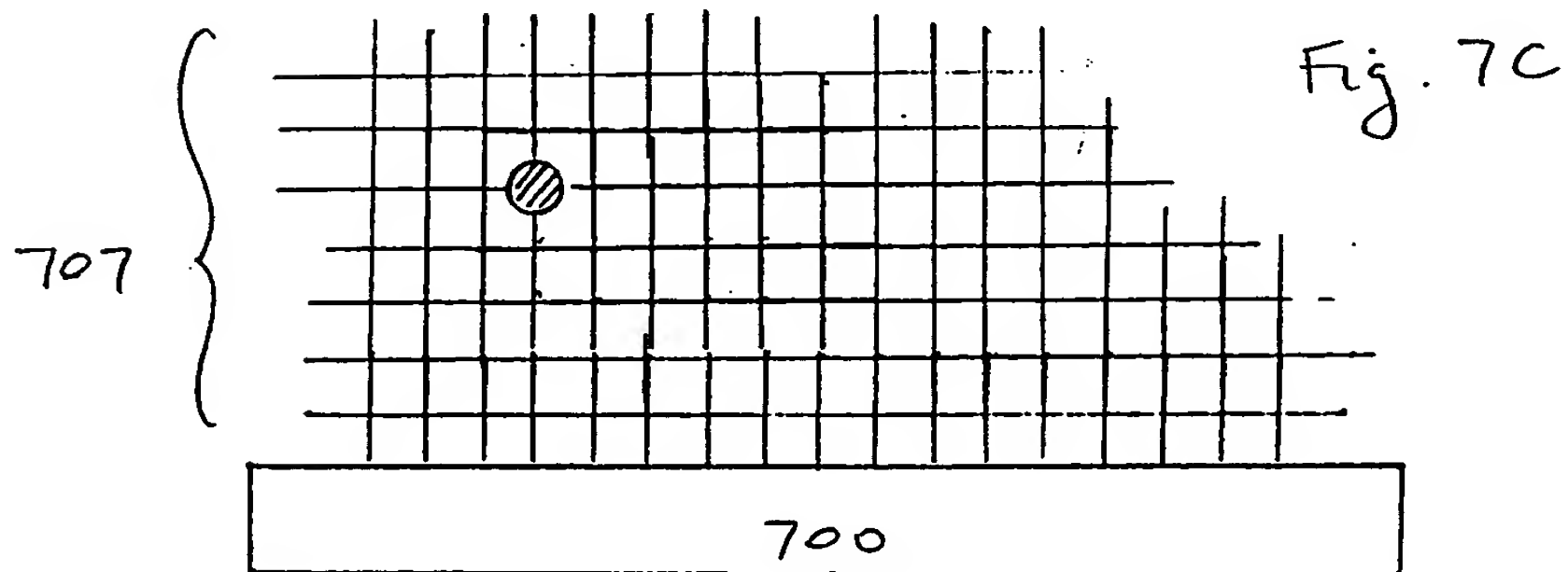
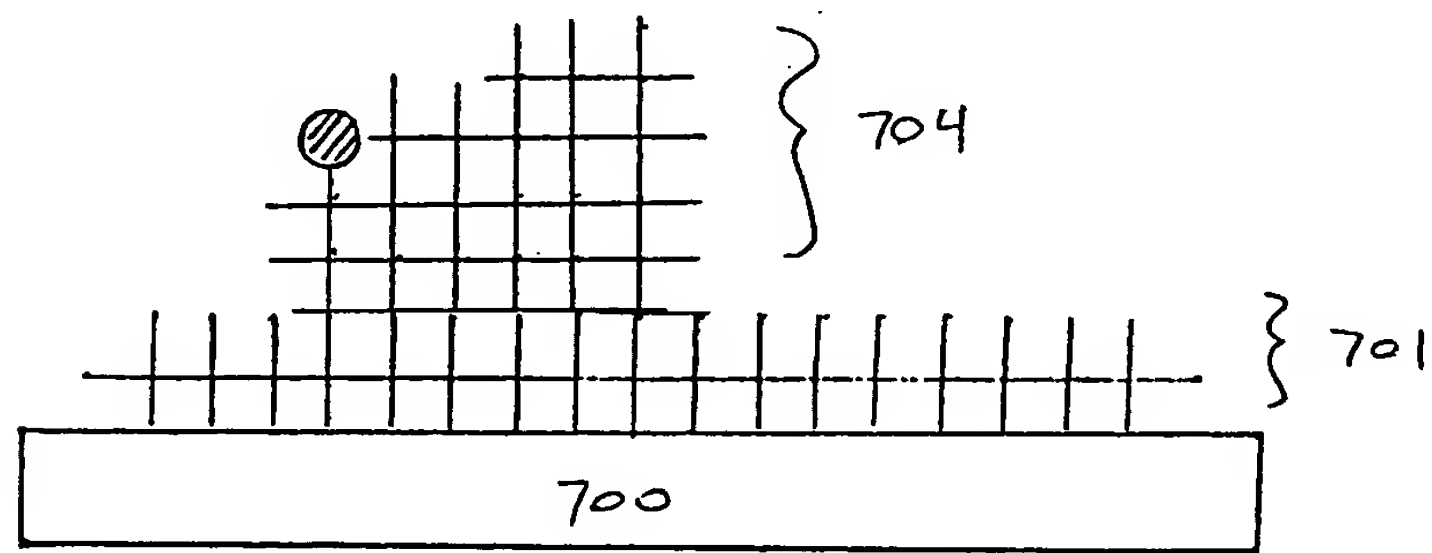
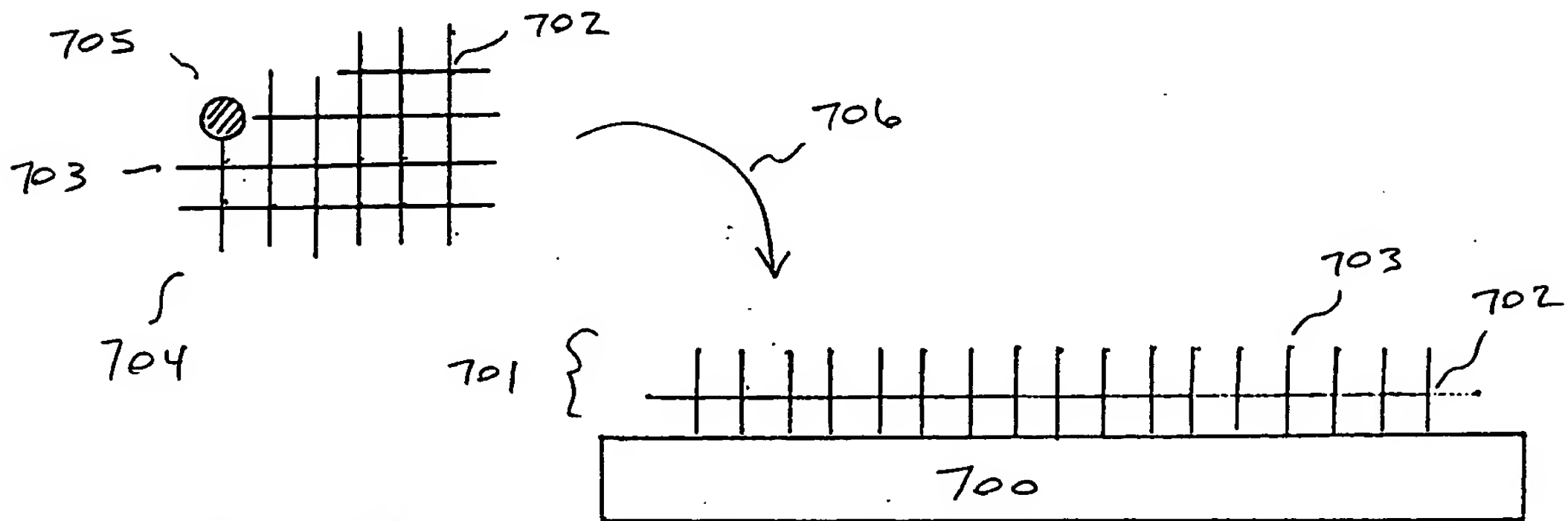




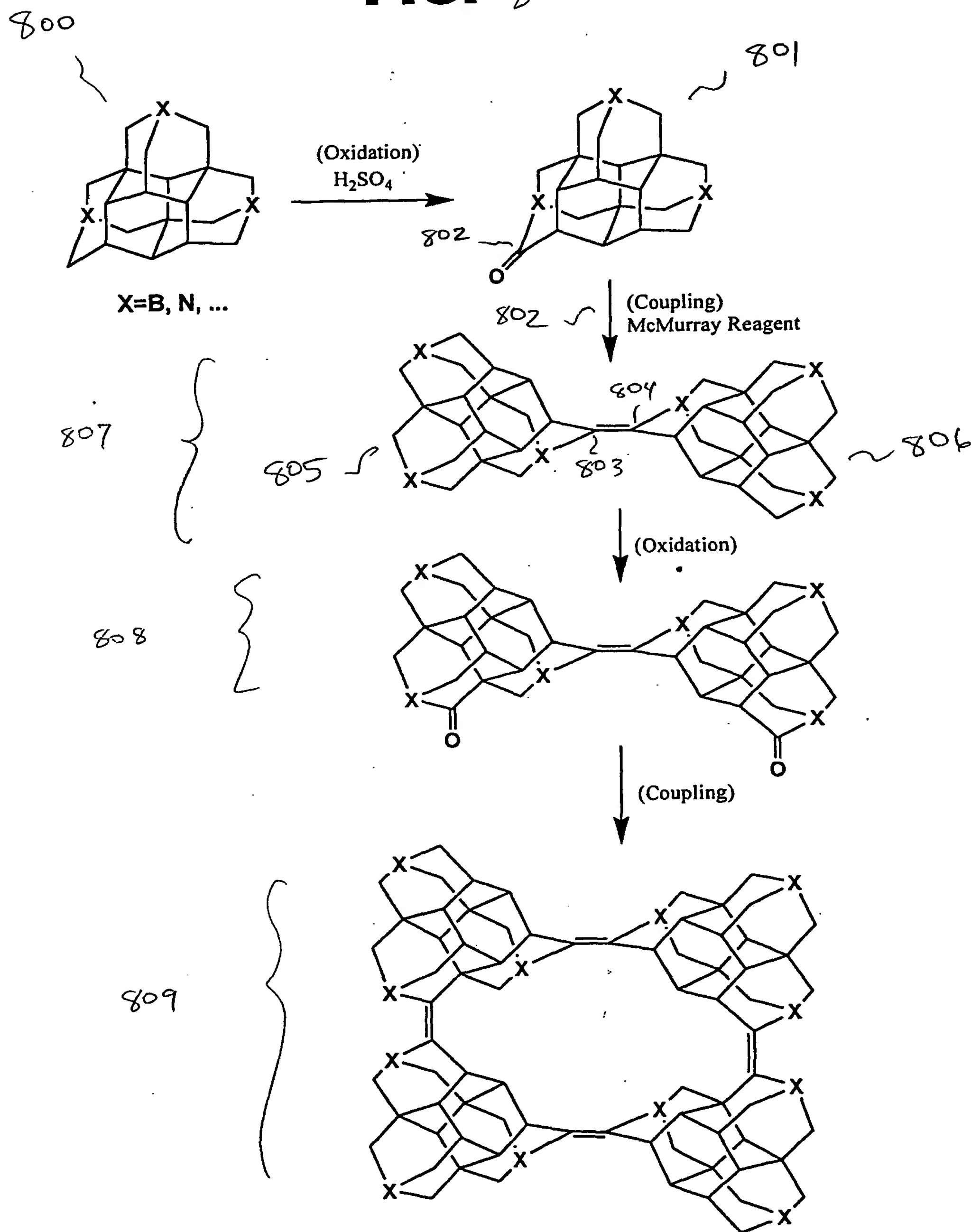
FIG. 5B (Cont.)







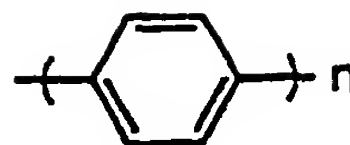
**FIG. 8**





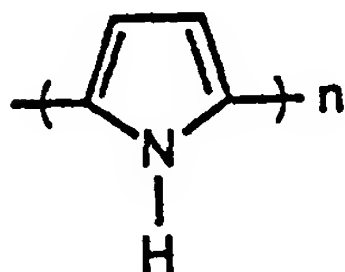
POLYACETYLENE

**FIG. 9 A**



POLYPARAPHEMYLENE

**FIG. 9 B**



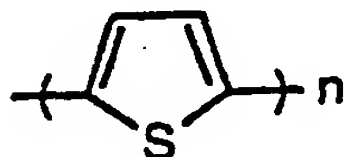
POLYPYRROLE

**FIG. 9 C**



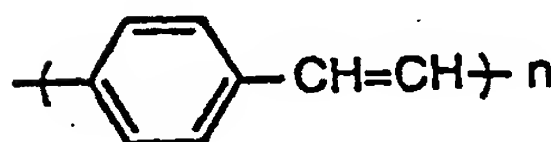
POLYPARAPHEMYLENE  
SULPHIDE

**FIG. 9 D**



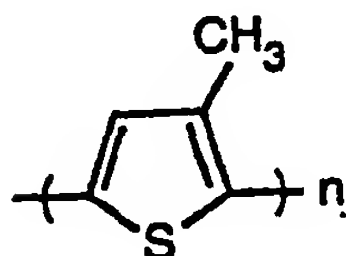
POLYTHIOPHENE

**FIG. 9 E**



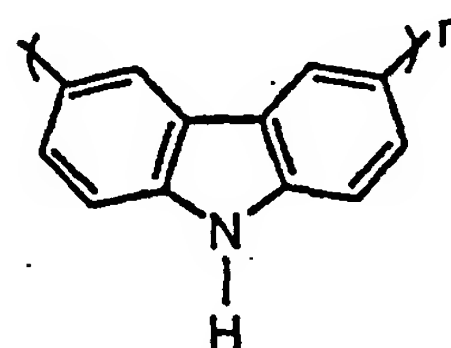
POLYPARAPHEMYLENE  
VINYLENE

**FIG. 9 F**



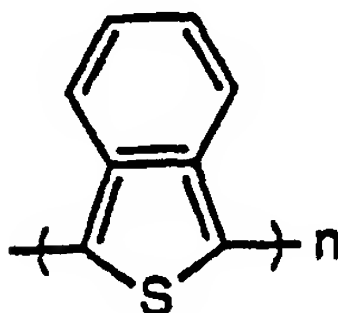
POLY-3 METHYL  
THIOPHENE

**FIG. 9 G**



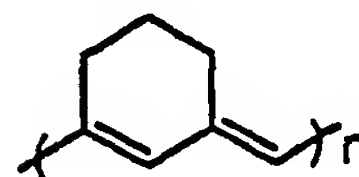
POLYCARBAZOLE

**FIG. 9 H**



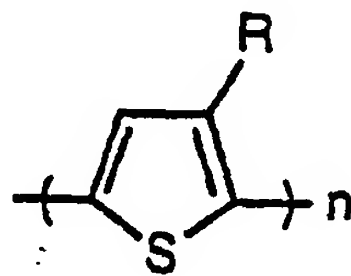
POLYISOTHIANAPHENE

**FIG. 9 I**



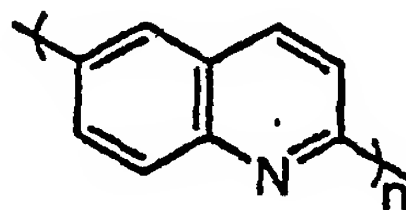
POLY(1,6-HEPTADIYNE)

**FIG. 9 J**



POLY-3 ALKYLTHIOPHENE

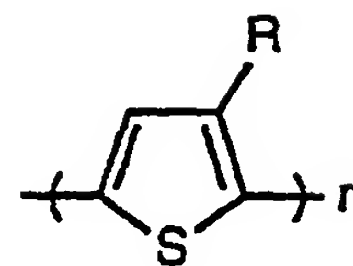
**FIG. 9 K**



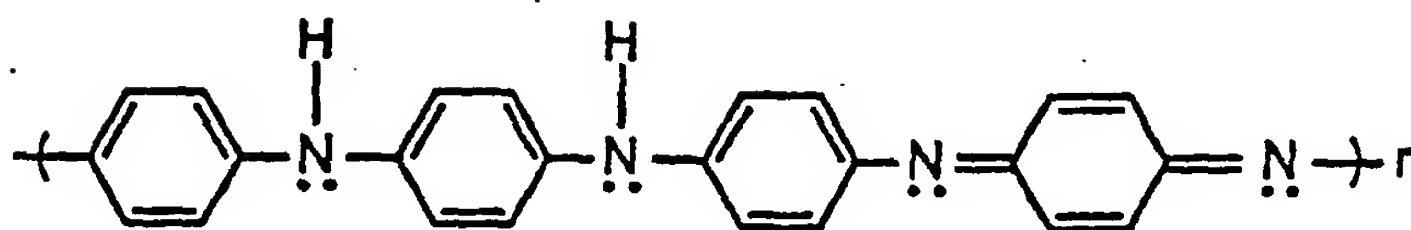
**FIG. 9 L**

POLYQUINOLINE

POLY-3 ALKYL SULFONATE



**FIG. 9 M**



POLYANILINE

**FIG. 9 N**

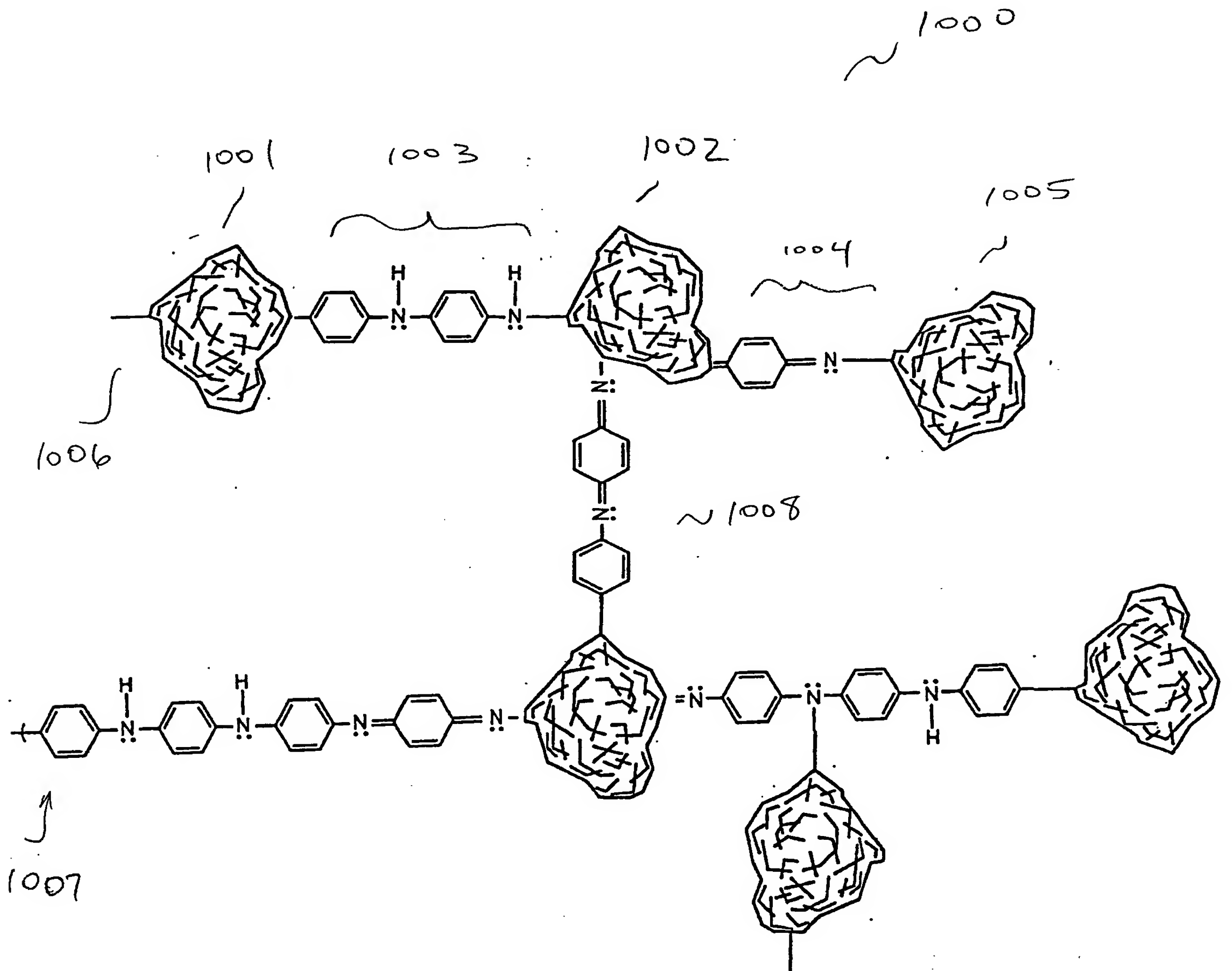


Fig. 10

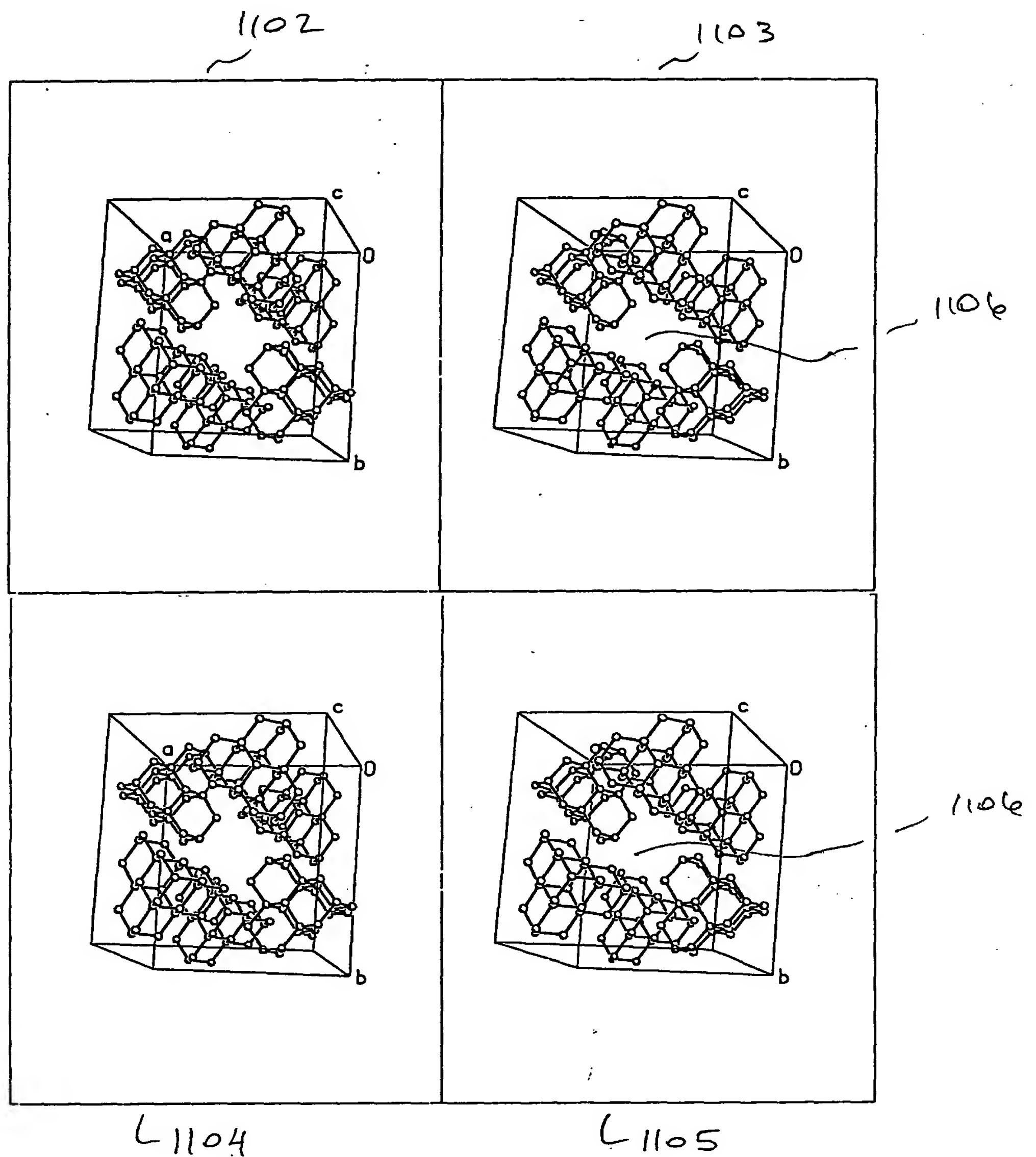
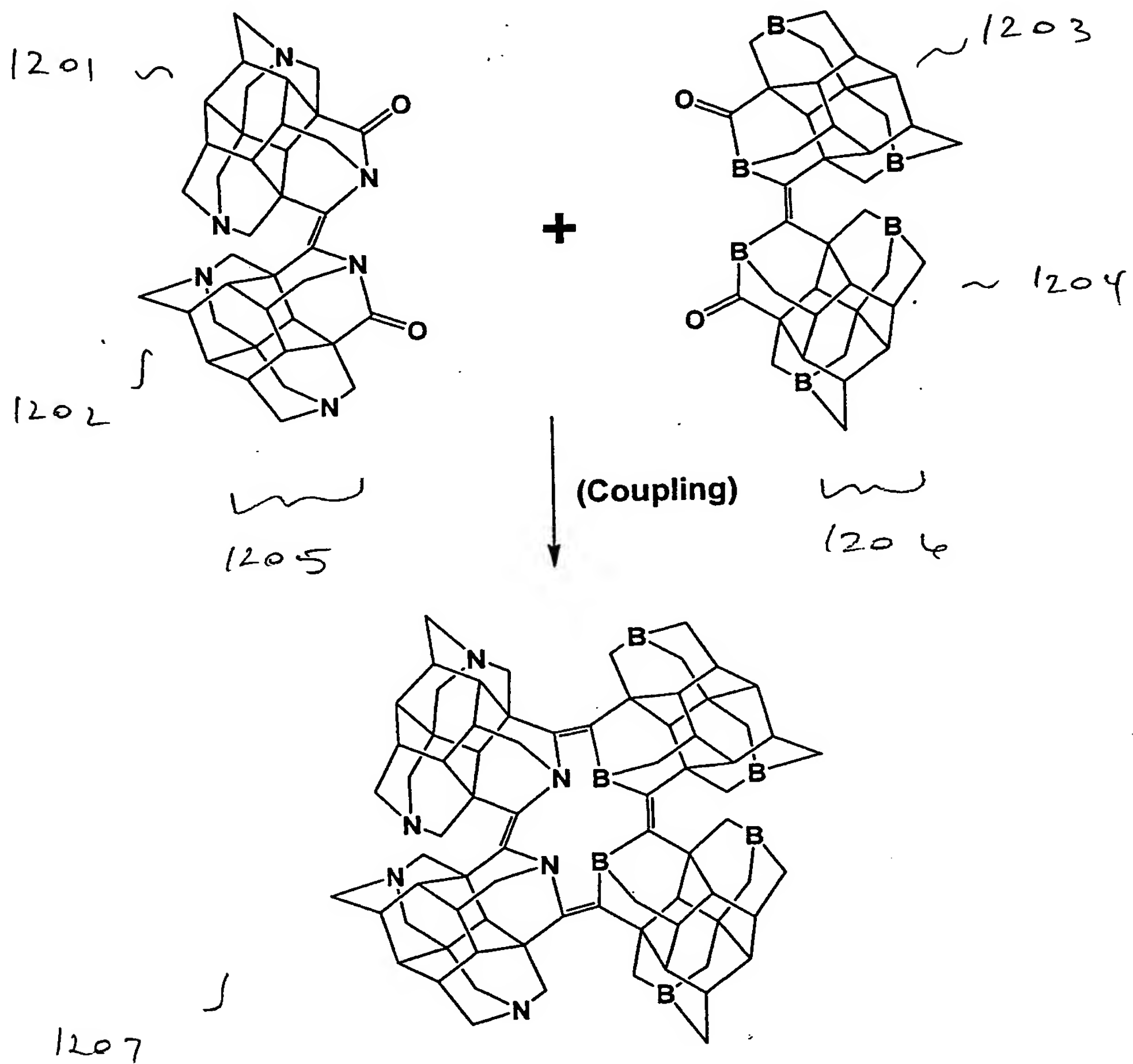


Fig. 11



FIG. 12



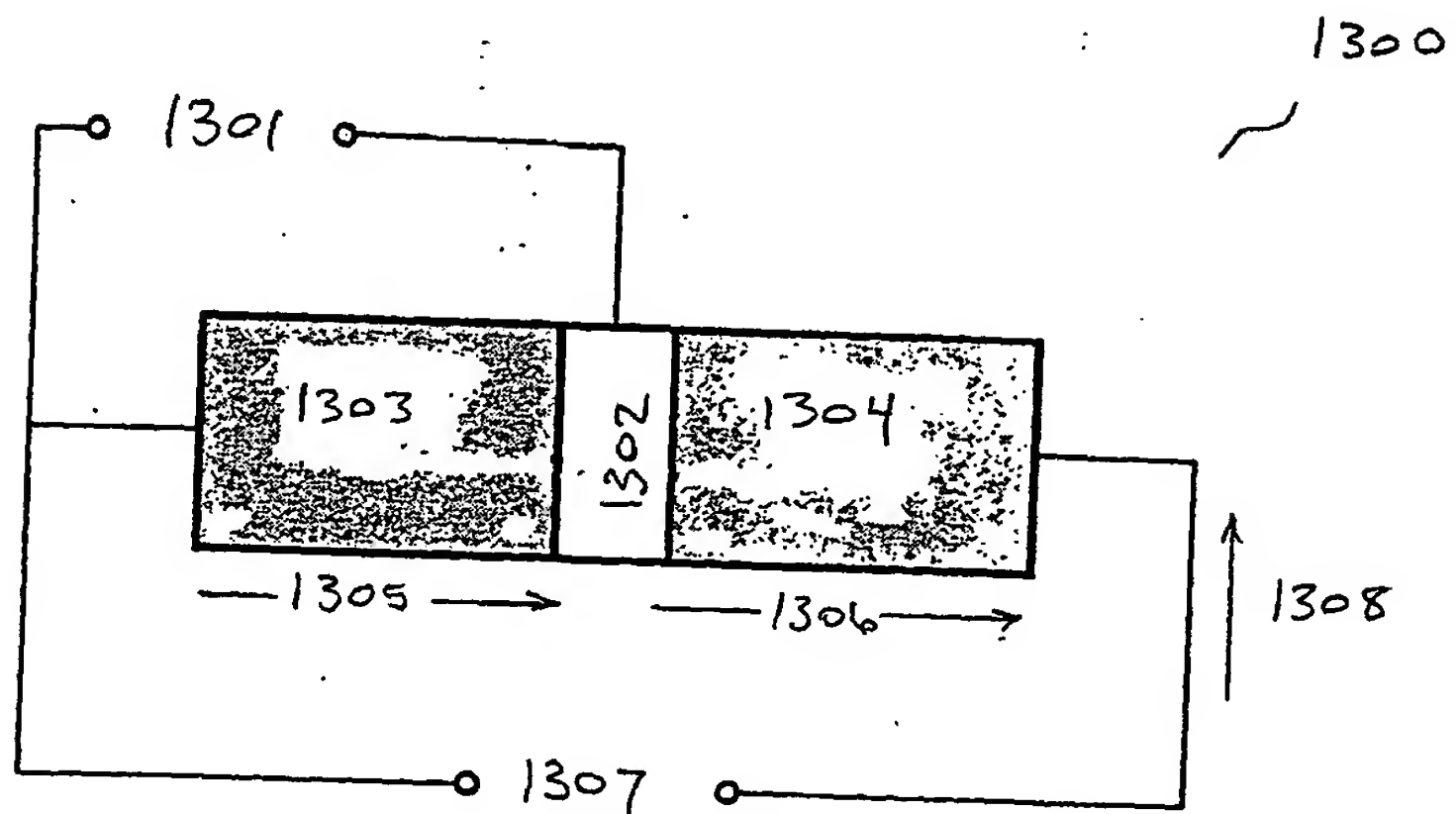


Fig. 13A

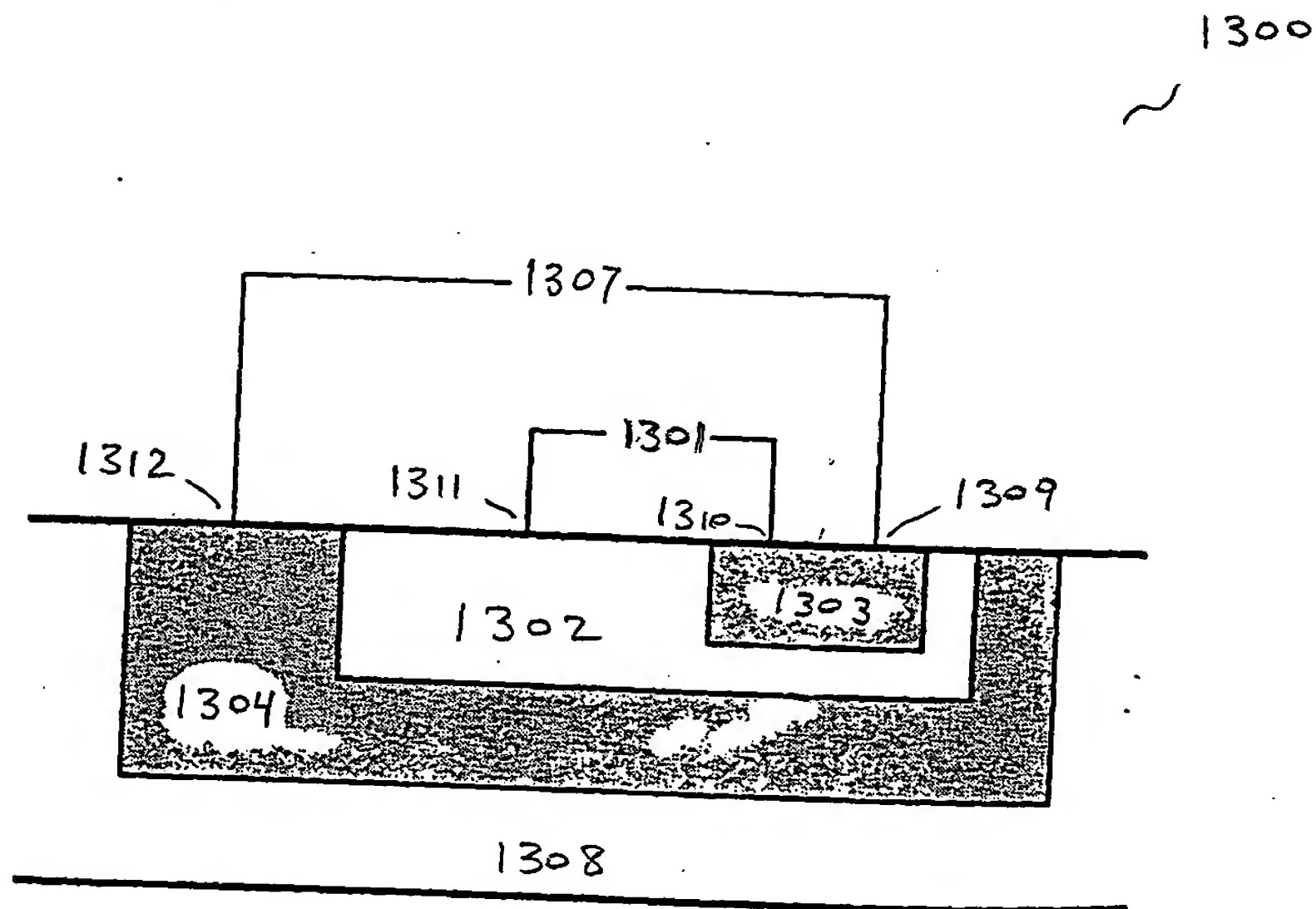


Fig. 13B

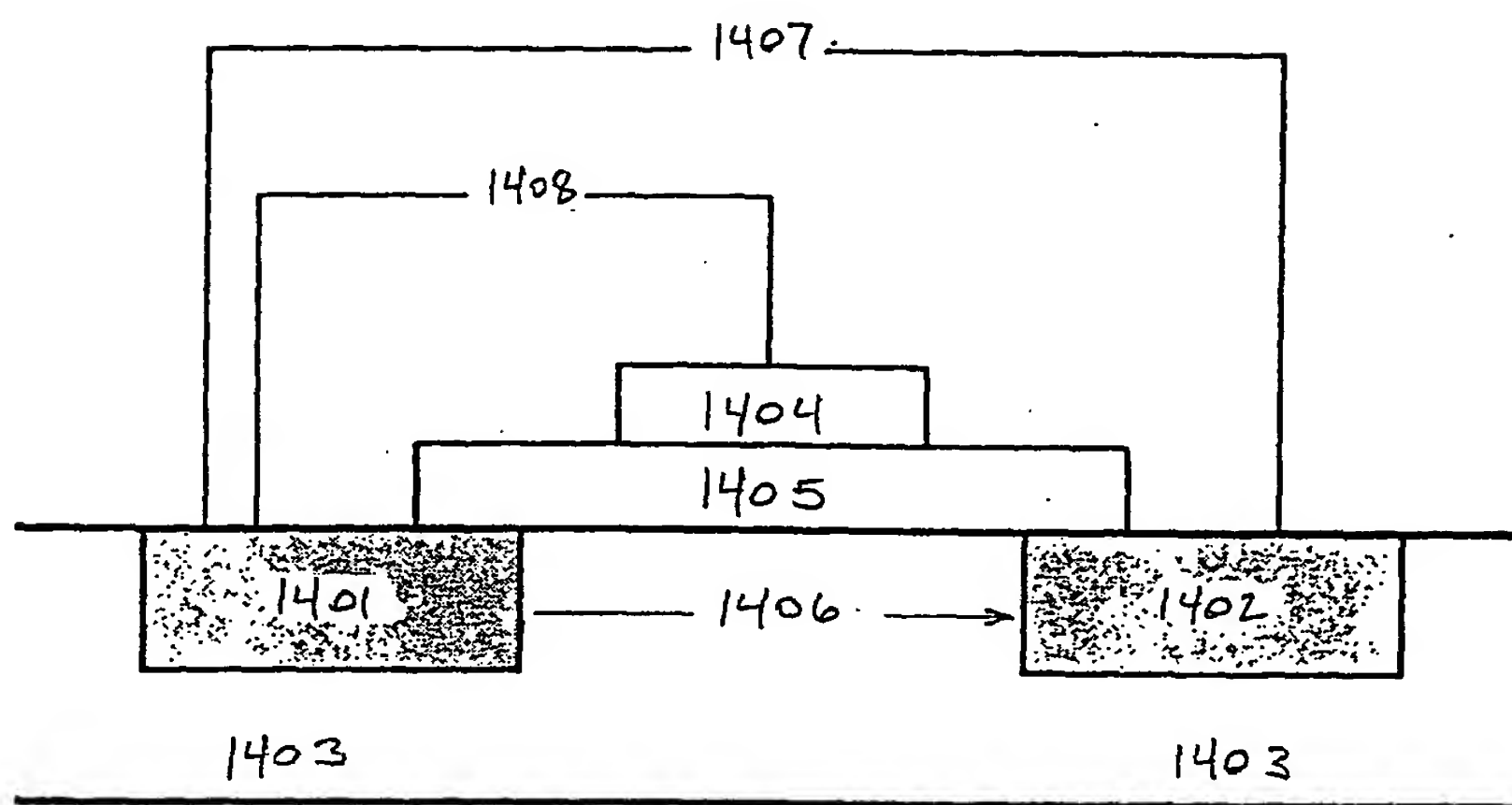


Fig. 14